C o C

09/954,601

Patent
Case No.: 56984US002

32692
Customer Number

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Certificate
JUL 11 2005
of Correction

First Named Inventor:	DEBE, MARK K.		
Patent No.:	6780536	Group Art Unit:	1746
Dated:	August 24, 2004	Examiner:	Bruce F. Bell
Title:	FLOW FIELD		

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR § 1.322 AND 1.323

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

June 30, 2005 Phyllis J. Boettcher
Date Signed by: Phyllis J. Boettcher

Dear Sir:

It is respectfully requested that a Certificate of Correction be issued in connection with the above-identified patent. The required text is submitted on the attached form.

The errors are attributable to both the Applicant(s) and the Patent and Trademark Office. Please charge the fee provided in 37 CFR § 1.20(a), and if necessary, charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723. One copy of this sheet marked duplicate is also enclosed.

Respectfully submitted,

6/30/05
Date

By: _____
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Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

07/07/2005 HASFAW1 00000064 133723 6780536
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UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO.: 6780536

DATED: August 24, 2004

FIRST NAMED INVENTOR: DEBE, MARK K.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10
Lines 10 – 17, replace the formula with the following:

-- --

since $\cos\theta = x_0/g$ in Fig. 2 above.

Also from Fig. 2, $y_0 = 2 \cdot x_o \tan\theta + w$. Replacing y_0 in (2) with this gives, from (1),

$$U_y(x) = -\frac{K_L}{\mu} \cdot \frac{\Delta P}{N(w+2L)} \frac{\left(w + 2\,x_0/\cos\theta\right)}{\left(w + 2\,x_0 \tan\theta\right)} \quad (3)$$

-- --

Column 11
Lines 37 – 42, replace the formula with the following:

-- --

$$U_{i,y}(x) = -\frac{K_L}{\mu} \cdot \frac{\Delta P_i}{(w_i + 2L_i)} \frac{\left(w_i + 2\,x_0/\cos\theta_i\right)}{\left(w_i + 2\,x_0 \tan\theta_i\right)}, \quad \text{where } \Delta P = \sum_{i=1}^{N} \Delta P_i \quad (5)$$

-- --

MAILING ADDRESS OF SENDER:

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PATENT NO. 6780536

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PATENT NO.: 6780536

DATED: August 24, 2004

FIRST NAMED INVENTOR: DEBE, MARK K.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 11
Line 67, replace the formula with the following:

-- --

$$\rho_i(O_2) = {p_{i,O_2} \cdot M_w}/{RT}$$ at that point of loop i:

-- --

Column 12
Lines 1 – 5, replace the formula with the following:

-- --

$$(7) \qquad \frac{dm_{i,O_2}}{dA}(x = L) = \frac{-K_L M_w}{RT\mu} \frac{p_{i,O_2} \Delta P_i}{2L_i \sin\theta_i},$$

-- --

Line 8, replace the formula with the following:

-- --

ΔP_i and p_{i,O_2}

-- --

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Column 12
Line 20, replace the formula with the following:

-- --

For p_{i,O_2}

-- --

Lines 30 - 32, replace the formula with the following:

-- --

$$p_{i,O_2} = P_{in}(O_2)\left(1-\frac{i}{N\eta}\right). \quad (9)$$

-- --

Column 15
Line 21, delete " zig-zig " and insert in place thereof -- -- zig-zag -- --

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